

# Mineral Industry Surveys

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## GYPSUM IN JULY 2002

Producers mined 1.02 million metric tons (Mt) of gypsum in July 2002 (table 1). Output was 5% less than that of June 2002 and 34% less than that of July 2001. Synthetic gypsum production was 410,000 tons (t) in July 2002 (table 1), which was 11% more than that of June 2002 and 13% less than that of July 2001. Synthetic gypsum is increasingly used as a raw material for wallboard. During January through June 2002, of the 14.1-Mt supply of gypsum in the United States, 2.58 Mt or 18% was synthetic gypsum. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 630,000 tons, slightly less than that of June 2002 and 17% less than that of July 2001.

Output of calcined gypsum was 1.55 Mt, slightly less than that of June 2002 and 10% less than that of July 2001. Sales of board products were 2.4 billion square feet (226 million square

meters), 13% more than that of June 2002 and slightly less than that of July 2001.

Import and export data for July 2002 were not available at the time of publication. Imports of crude gypsum in June 2002 were 671,000 t, 11% less than that of May 2002 and 5% less than that of June 2001. Gypsum wallboard imports, principally from Canada, for June 2002 were 42,000 t, equivalent to 50 million square feet (4.7 million square meters). These imports were slightly less than those of May 2002 and 35% more than those of June 2001. Wallboard exports to 25 countries and territories in June 2002 were 4,100 t, equivalent to 4.9 million square feet (456,000 square meters). These exports were 5% less than those of May 2002 and slightly less than those of June 2001.

TABLE 1  
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2002			2001
	July	June	January-July	January-July
Crude:				
Mined 3/	1,020,000	1,070,000	8,590,000	9,200,000
Imported 4/	NA	671,000	NA	4,530,000
Exported 4/	NA	61,800	NA	116,000
Synthetic gypsum 5/	410,000	369,000	3,000,000	3,030,000
Total supply	NA	2,040,000	NA	16,600,000
Calcined:				
Produced	1,550,000	1,560,000	12,300,000	9,600,000
Imported 6/	NA	754	NA	5,720
Exported 6/	NA	13,300	NA	94,700
Total supply	NA	1,550,000	NA	9,510,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2  
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2002			2001
	July	June	January -July	January-July
Uncalcined: 3/				
Portland cement	419,000	431,000	2,270,000	2,410,000
Agriculture and misc.	212,000	227,000	1,540,000	2,200,000
Total supply	630,000	657,000	3,810,000	4,610,000
Calcined:				
Board products 4/	2,040,000	1,790,000	14,700,000	14,200,000
Plaster	32,100	27,700	222,000	224,000
Total supply	2,070,000	1,820,000	14,900,000	14,400,000
Board products: (Thousand square feet) 5/				
Regular board	1,460,000	1,270,000	10,400,000	9,870,000
Type X board	743,000	658,000	5,420,000	5,400,000
Other	243,000	228,000	1,800,000	1,760,000
Total supply	2,440,000	2,150,000	17,600,000	17,000,000

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3  
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2002			2001
	June	May	January- June	January- June
Canada	424,000	527,000	2,780,000	2,950,000
China	--	--	--	20
Germany	--	--	--	6
Japan	--	--	3	1
Korea, Republic of	--	72	270	--
Mexico	177,000	185,000	959,000	959,000
Spain	70,000	40,000	393,000	345,000
United Kingdom	17	--	70	256
Total	671,000	752,000	4,130,000	4,250,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4  
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
2001:				
July	2,200	1,540	681	19
August	2,240	1,570	707	29
September	2,090	1,430	689	35
October	2,220	1,580	672	39
November	2,200	1,490	768	51
December	1,660	1,180	498	25
January - December	24,600	16,600	8,270	278
2002:				
January	1,910	1,300	626	25
February	1,810	1,240	595	22
March	2,090	1,410	742	64
April	2,180	1,450	749	20
May	1,890	1,150	752	16
June	1,670	1,070	671	62
July	NA	1,020	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5  
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2002:											
July:											
Lath	(1)	19	--	--	33	--	--	--	39	--	90
Veneer base	18,800	2,500	6,810	1,030	9,520	--	49	220	1,330	4	40,200
Sheathing	1,270	3,640	4,700	4,380	7,960	1,540	7,340	6,180	8,130	894	46,000
Regular gypsum board	35,900	133,000	184,000	88,100	401,000	102,000	185,000	133,000	170,000	25,900	1,460,000
Type X gypsum board	22,100	82,400	104,000	58,200	121,000	23,000	75,300	86,200	163,000	6,400	743,000
Predecorated board	444	607	1,100	473	1,310	368	1,190	435	596	40	6,570
5/16 Mobile home board	--	2,660	9,200	--	15,200	17,900	9,360	2,050	1,120	77	57,500
Water/moisture resistant board	4,200	15,800	11,400	4,550	20,000	3,210	9,690	7,930	13,500	2,230	92,500
Total	82,700	240,000	321,000	157,000	576,000	148,000	288,000	236,000	358,000	35,600	2,440,000
January - July:											
Lath	10	133	80	--	53	--	--	8	203	--	488
Veneer base	147,000	19,800	53,500	6,490	65,900	189	643	2,700	10,700	68	307,000
Sheathing	8,290	24,500	26,000	33,900	63,400	12,700	65,900	40,800	54,500	5,520	335,000
Regular gypsum board	274,000	973,000	1,420,000	693,000	2,820,000	700,000	1,310,000	928,000	1,100,000	157,000	10,400,000
Type X gypsum board	170,000	567,000	802,000	435,000	933,000	189,000	587,000	638,000	1,060,000	32,200	5,420,000
Predecorated board	2,710	4,270	7,210	3,690	9,590	2,860	6,840	2,430	4,780	459	44,800
5/16 Mobile home board	--	12,800	61,800	27	129,000	129,000	78,100	11,500	8,200	227	431,000
Water/moisture resistant board	32,100	116,000	89,600	37,600	147,000	25,500	70,700	57,000	87,300	17,800	680,000
Total	634,000	1,720,000	2,460,000	1,210,000	4,170,000	1,060,000	2,120,000	1,680,000	2,330,000	214,000	17,600,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain, (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.